

[Figure 1]

NCE4	MRSSPLLRSVVAALPVLAL-----AADGKSTRYWDCKPSCGWAK	21
	***** *	
STCE1	MRSSPVLRTALAAALPLAALA-----ADGKSTRYWDCKPSCSWPG	20
	* ***** **	
NCE5	MLPLTLLTLLPALAA-----AQSGSGRTTRYWDCKPSCAWPG	23
	<u>Signal peptide</u> → <u>Catalytic domain</u> →	
NCE4	KAPVNQPVFSCNANFQRLTDF-DAKSGCEPGGVAYSCADQTPWAVNDDFA	70
	** ***** * ***** * ***** ** ** ***** *	
STCE1	KASVNQPVFACSANFQRI SDP-NVKS GCD-GGSAYACADQTPWAVNDNFS	68
	* ** * * * ***** ** ** * ** ***** *	
NCE5	KGPA-PVRTCDRWDNPLFDGGNTRSGCDAGGGAYMCSDQSPWAVSDDLA-	71
NCE4	FGFAATSIAGSNEAGWCCACYELTFTSGPVAGKMMVVQSTSTGGDLGSNH	120
	***** * *** ** ***** ***** *	
STCE1	YGFAATSI SGGNEASWCCG CYELTFTSGPVAGKTMVVQSTSTGGDLGTNH	118
	** ** * * ** *** ***** * ** ***** *	
NCE5	YGWAAVNIAGSNERQWCCACYELTFTSGPVAGKRMIVQASNTGGDLGNNH	121
NCE4	FDLNIPGGGVGIFDGCTPQFGGLP---GQRYGGISSRNECDRFPDALKPG	167
	*** ***** ***** * ***** ** ** *****	
STCE1	FDLAMPGGGVGIFDGCSPQFGGLA---GDRYGGVSSRSQCDSFPAALKPG	165
	** ***** * * * * ***** * * ** ** *****	
NCE5	FDIAMPGGGVGIFNACTDQYGAPPNGWGQRYGGISQRHECDAFPEKLKPG	171

[Figure 2]

NCE4 CYWRFDWFKNADNPSFSFRQVQCPAELVARTGRRNDDGNFPAVQIPSSS 217
 ***** * ***** ***** **
 STCE1 CYWRFDWFKNADNPTFTFRQVQCPSELVARTGRRNDDGNFPVFTPPSGG 215
 ***** ***** *** ** * ** * *
 NCE5 CYWRFDWFLNADNPSVNRQVSCPAEIVAKSGCSR----- 206

Linker→

NCE4 TSSPVGQPTSTTTSTTTSSPPVQPTTPS-----GCTAERWA 255
 ** * ***** * * ** * ***
 STCE1 QSSSSSSSSSAKPTSTTTSTTKATTTSTASSQTSSSTGGGCAAQRWA 265

NCE5 -----
 CBD→

NCE4 CQCGGNGWSGCTTCVAGSTCTKINDWYHQCL 286
 ***** * ***** * ** * *****
 STCE1 CQCGGIGFSGCTTCVSGTTCNKQNDWYSQCL 295

NCE5 -----